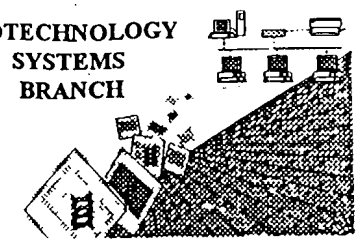
BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/650,326
Source: IFW0 -
Date Processed by STIC: 2/4/04 -

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
***Effective 12/13/03*: TELEPHONE: 571-272-2510; FAX: 571-273-0221**

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry directly to (EFFECTIVE 12/01/03):** U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED | SUGGESTED CORRECTION | SERIAL NUMBER: 10/650,326

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
4	Non-ASCII	The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n/Xaa	"n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid

IFWO

RAW SEQUENCE LISTING DATE: 02/04/2004
PATENT APPLICATION: **US/10/650,326** TIME: 12:23:37

Input Set : **A:\JJJ-PWO-599 - SEQUENCE LISTING.txt**
Output Set: **N:\CRF4\01292004\J650326.raw**

```
  3 <110> APPLICANT: CURIS INC. AND WASHINGTON UNIVERSITY
  5 <120> TITLE OF INVENTION: CONJOINT ADMINISTRATION OF MORPHOGENS AND ACE INHIBITORS IN
  6       TREATMENT OF CHRONIC RENAL FAILURE
  8 <130> FILE REFERENCE: JJJ-PWO-599
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/650,326
 11 <141> CURRENT FILING DATE: 2003-08-28
 13 <150> PRIOR APPLICATION NUMBER: 60/406,431
 14 <151> PRIOR FILING DATE: 2002-08-28
 16 <160> NUMBER OF SEQ ID NOS: 31
 18 <170> SOFTWARE: PatentIn version 3.2
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 139
 22 <212> TYPE: PRT
 23 <213> ORGANISM: generic
 25 <400> SEQUENCE: 1
 27 Ser Thr Gly Ser Lys Gln Arg Ser Gln Asn Arg Ser Lys Thr Pro Lys
 28 1               5                  10                  15
 31 Asn Gln Glu Ala Leu Arg Met Ala Asn Val Ala Glu Asn Ser Ser Ser
 32             20                  25                  30
 35 Asp Gln Arg Gln Ala Cys Lys Lys His Glu Leu Tyr Val Ser Phe Arg
 36         35                  40                  45
 39 Asp Leu Gly Trp Gln Asp Trp Ile Ile Ala Pro Glu Gly Tyr Ala Ala
 40     50                  55                  60
 43 Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asn Ser Tyr Met Asn
 44 65                  70                  75                  80
 47 Ala Thr Asn His Ala Ile Val Gln Thr Leu Val His Phe Ile Asn Pro
 48                 85                  90                  95
 51 Glu Thr Val Pro Lys Pro Cys Cys Ala Pro Thr Gln Leu Asn Ala Ile
 52             100                 105                 110
 55 Ser Val Leu Tyr Phe Asp Asp Ser Ser Asn Val Ile Leu Lys Lys Tyr
 56         115                 120                 125
 59 Arg Asn Met Val Val Arg Ala Cys Gly Cys His
 60     130                 135
 63 <210> SEQ ID NO: 2
 64 <211> LENGTH: 97
 65 <212> TYPE: PRT
 66 <213> ORGANISM: generic
 68 <400> SEQUENCE: 2
 70 His Arg Arg Leu Arg Ser Gln Glu Arg Arg Glu Met Gln Arg Glu Ile
 71 1               5                  10                  15
 74 Leu Ser Ile Leu Gly Leu Pro His Arg Pro Arg Pro His Leu Gln Gly
 75             20                  25                  30
 78 Lys His Asn Ser Ala Pro Met Phe Met Leu Asp Leu Tyr Asn Ala Met
```

pp 1-4, 6

Does Not Comply
Corrected Diskette Needed

invalid response - see item 10 on Error Summary Sheet

same error

RAW SEQUENCE LISTING DATE: 02/04/2004
PATENT APPLICATION: **US/10/650,326** TIME: 12:23:37

Input Set : **A:\JJJ-PWO-599 - SEQUENCE LISTING.txt**
Output Set: **N:\CRF4\01292004\J650326.raw**

```
79          35                  40                  45
82 Ala Val Glu Glu Gly Gly Gly Pro Gly Gly Gln Gly Phe Ser Tyr Pro
83      50                  55                  60
86 Tyr Lys Ala Val Phe Ser Thr Gln Gly Pro Pro Leu Ala Ser Leu Gln
87 65                  70                  75                  80
90 Asp Ser His Phe Leu Thr Asp Ala Asp Met Val Met Ser Phe Val Asn
91                  85                  90                  95
94 Leu
98 <210> SEQ ID NO: 3
99 <211> LENGTH: 431
100 <212> TYPE: PRT
101 <213> ORGANISM: generic
103 <400> SEQUENCE: 3
105 Met His Val Arg Ser Leu Arg Ala Ala Ala Pro His Ser Phe Val Ala
106 1               5                  10                  15
109 Leu Trp Ala Pro Leu Phe Leu Leu Arg Ser Ala Leu Ala Asp Phe Ser
110             20                  25                  30
113 Leu Asp Asn Glu Val His Ser Ser Phe Ile His Arg Arg Leu Arg Ser
114         35                  40                  45
117 Gln Glu Arg Arg Glu Met Gln Arg Glu Ile Leu Ser Ile Leu Gly Leu
118     50                  55                  60
121 Pro His Arg Pro Arg Pro His Leu Gln Gly Lys His Asn Ser Ala Pro
122 65                  70                  75                  80
125 Met Phe Met Leu Asp Leu Tyr Asn Ala Met Ala Val Glu Glu Gly Gly
126                 85                  90                  95
129 Gly Pro Gly Gly Gln Gly Phe Ser Tyr Pro Tyr Lys Ala Val Phe Ser
130             100                 105                 110
133 Thr Gln Gly Pro Pro Leu Ala Ser Leu Gln Asp Ser His Phe Leu Thr
134         115                 120                 125
137 Asp Ala Asp Met Val Met Ser Phe Val Asn Leu Val Glu His Asp Lys
138     130                 135                 140
141 Glu Phe Phe His Pro Arg Tyr His His Arg Glu Phe Arg Phe Asp Leu
142 145                 150                 155                 160
145 Ser Lys Ile Pro Glu Gly Glu Ala Val Thr Ala Ala Glu Phe Arg Ile
146                 165                 170                 175
149 Tyr Lys Asp Tyr Ile Arg Glu Arg Phe Asp Asn Glu Thr Phe Arg Ile
150             180                 185                 190
153 Ser Val Tyr Gln Val Leu Gln Glu His Leu Gly Arg Glu Ser Asp Leu
154         195                 200                 205
157 Phe Leu Leu Asp Ser Arg Thr Leu Trp Ala Ser Glu Glu Gly Trp Leu
158     210                 215                 220
161 Val Phe Asp Ile Thr Ala Thr Ser Asn His Trp Val Val Asn Pro Arg
162 225                 230                 235                 240
165 His Asn Leu Gly Leu Gln Leu Ser Val Glu Thr Leu Asp Gly Gln Ser
166                 245                 250                 255
169 Ile Asn Pro Lys Leu Ala Gly Leu Ile Gly Arg His Gly Pro Gln Asn
170             260                 265                 270
173 Lys Gln Pro Phe Met Val Ala Phe Phe Lys Ala Thr Glu Val His Phe
174         275                 280                 285
```

RAW SEQUENCE LISTING DATE: 02/04/2004
PATENT APPLICATION: US/10/650,326 TIME: 12:23:37

Input Set : A:\JJJ-PWO-599 - SEQUENCE LISTING.txt
Output Set: N:\CRF4\01292004\J650326.raw

```
177 Arg Ser Ile Arg Ser Thr Gly Ser Lys Gln Arg Ser Gln Asn Arg Ser
178     290                 295                 300
181 Lys Thr Pro Lys Asn Gln Glu Ala Leu Arg Met Ala Asn Val Ala Glu
182 305                 310                 315                 320
185 Asn Ser Ser Ser Asp Gln Arg Gln Ala Cys Lys Lys His Glu Leu Tyr
186                 325                 330                 335
189 Val Ser Phe Arg Asp Leu Gly Trp Gln Asp Trp Ile Ile Ala Pro Glu
190             340                 345                 350
193 Gly Tyr Ala Ala Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asn
194         355                 360                 365
197 Ser Tyr Met Asn Ala Thr Asn His Ala Ile Val Gln Thr Leu Val His
198     370                 375                 380
201 Phe Ile Asn Pro Glu Thr Val Pro Lys Pro Cys Cys Ala Pro Thr Gln
202 385                 390                 395                 400
205 Leu Asn Ala Ile Ser Val Leu Tyr Phe Asp Asp Ser Ser Asn Val Ile
206                 405                 410                 415
209 Leu Lys Lys Tyr Arg Asn Met Val Val Arg Ala Cys Gly Cys His
210             420                 425                 430
213 <210> SEQ ID NO: 4
214 <211> LENGTH: 139
215 <212> TYPE: PRT
216 <213> ORGANISM: generic
218 <400> SEQUENCE: 4
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221 1               5                   10                  15
224 Asn Gln Glu Ala Leu Arg Met Ala Ser Val Ala Glu Asn Ser Ser Ser
225             20                  25                  30
228 Asp Gln Arg Gln Ala Cys Lys Lys His Glu Leu Tyr Val Ser Phe Arg
229         35                  40                  45
232 Asp Leu Gly Trp Gln Asp Trp Ile Ile Ala Pro Glu Gly Tyr Ala Ala
233     50                  55                  60
236 Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asn Ser Tyr Met Asn
237 65                  70                  75                  80
240 Ala Thr Asn His Ala Ile Val Gln Thr Leu Val His Phe Ile Asn Pro
241                 85                  90                  95
244 Asp Thr Val Pro Lys Pro Cys Cys Ala Pro Thr Gln Leu Asn Ala Ile
245             100                 105                 110
248 Ser Val Leu Tyr Phe Asp Asp Ser Ser Asn Val Ile Leu Lys Lys Tyr
249         115                 120                 125
252 Arg Asn Met Val Val Arg Ala Cys Gly Cys His
253     130                 135
256 <210> SEQ ID NO: 5
257 <211> LENGTH: 139
258 <212> TYPE: PRT
259 <213> ORGANISM: generic
261 <400> SEQUENCE: 5
263 Ala Val Arg Pro Leu Arg Arg Arg Gln Pro Lys Lys Ser Asn Glu Leu
264 1               5                   10                  15
267 Pro Gln Ala Asn Arg Leu Pro Gly Ile Phe Asp Asp Val His Gly Ser
```

RAW SEQUENCE LISTING DATE: 02/04/2004
PATENT APPLICATION: US/10/650,326 TIME: 12:23:37

Input Set : A:\JJJ-PWO-599 - SEQUENCE LISTING.txt
Output Set: N:\CRF4\01292004\J650326.raw

```
268                 20                  25                  30
271 His Gly Arg Gln Val Cys Arg Arg His Glu Leu Tyr Val Ser Phe Gln
272         35                  40                  45
275 Asp Leu Gly Trp Leu Asp Trp Val Ile Ala Pro Gln Gly Tyr Ser Ala
276     50                  55                  60
279 Tyr Tyr Cys Glu Gly Glu Cys Ser Phe Pro Leu Asp Ser Cys Met Asn
280 65                  70                  75                  80
283 Ala Thr Asn His Ala Ile Leu Gln Ser Leu Val His Leu Met Lys Pro
284                 85                  90                  95
287 Asn Ala Val Pro Lys Ala Cys Cys Ala Pro Thr Lys Leu Ser Ala Thr
288             100                 105                 110
291 Ser Val Leu Tyr Tyr Asp Ser Ser Asn Asn Val Ile Leu Arg Lys His
292         115                 120                 125
295 Arg Asn Met Val Val Lys Ala Cys Gly Cys His
296     130                 135
299 <210> SEQ ID NO: 6
300 <211> LENGTH: 139
301 <212> TYPE: PRT
302 <213> ORGANISM: generic
304 <400> SEQUENCE: 6
306 Ala Ala Arg Pro Leu Lys Arg Arg Gln Pro Lys Lys Thr Asn Glu Leu
307 1               5                   10                  15
310 Pro His Pro Asn Lys Leu Pro Gly Ile Phe Asp Asp Gly His Gly Ser
311             20                  25                  30
314 Arg Gly Arg Glu Val Cys Arg Arg His Glu Leu Tyr Val Ser Phe Arg
315         35                  40                  45
318 Asp Leu Gly Trp Leu Asp Trp Val Ile Ala Pro Gln Gly Tyr Ser Ala
319     50                  55                  60
322 Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asp Ser Cys Met Asn
323 65                  70                  75                  80
326 Ala Thr Asn His Ala Ile Leu Gln Ser Leu Val His Leu Met Lys Pro
327                 85                  90                  95
330 Asp Val Val Pro Lys Ala Cys Cys Ala Pro Thr Lys Leu Ser Ala Thr
331             100                 105                 110
334 Ser Val Leu Tyr Tyr Asp Ser Ser Asn Asn Val Ile Leu Arg Lys His
335         115                 120                 125
338 Arg Asn Met Val Val Lys Ala Cys Gly Cys His
339     130                 135
342 <210> SEQ ID NO: 7
343 <211> LENGTH: 588
344 <212> TYPE: PRT
345 <213> ORGANISM: generic
347 <400> SEQUENCE: 7
349 Met Arg Ala Trp Leu Leu Leu Leu Ala Val Leu Ala Thr Phe Gln Thr
350 1               5                   10                  15
353 Ile Val Arg Val Ala Ser Thr Glu Asp Ile Ser Gln Arg Phe Ile Ala
354             20                  25                  30
357 Ala Ile Ala Pro Val Ala Ala His Ile Pro Leu Ala Ser Ala Ser Gly
358         35                  40                  45
```

IMPORTANT

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

please correct this error in subsequent sequences.

RAW SEQUENCE LISTING DATE: 02/04/2004
PATENT APPLICATION: **US/10/650,326** TIME: 12:23:37

Input Set : **A:\JJJ-PWO-599 - SEQUENCE LISTING.txt**
Output Set: **N:\CRF4\01292004\J650326.raw**

```
361 Ser Gly Ser Gly Arg Ser Gly Ser Arg Ser Gly Gly Ala Ser Thr Ser
362     50                  55                  60
365 Thr Ala Leu Ala Lys Ala Phe Asn Pro Phe Ser Glu Pro Ala Ser Phe
366 65                  70                  75                  80
369 Ser Asp Ser Asp Lys Ser His Arg Ser Lys Thr Asn Lys Lys Pro Ser
370                 85                  90                  95
373 Lys Ser Asp Ala Asn Arg Gln Phe Asn Glu Val His Lys Pro Arg Thr
374             100                 105                 110
377 Asp Gln Leu Glu Asn Ser Lys Asn Met Ser Lys Gln Leu Val Asn Lys
378         115                 120                 125
381 Pro Asn His Asn Lys Met Ala Val Lys Glu Gln Arg Ser His His Lys
382     130                 135                 140
385 Lys Ser His His His Arg Ser His Gln Pro Lys Gln Ala Ser Ala Ser
386 145                 150                 155                 160
389 Thr Glu Ser His Gln Ser Ser Ser Ile Glu Ser Ile Phe Val Glu Glu
390                 165                 170                 175
393 Pro Thr Leu Val Leu Asp Arg Glu Val Ala Ser Ile Asn Val Pro Ala
394             180                 185                 190
397 Asn Ala Lys Ala Ile Ile Ala Glu Gln Gly Pro Ser Thr Tyr Ser Lys
398         195                 200                 205
401 Glu Ala Leu Ile Lys Asp Lys Leu Lys Pro Asp Pro Ser Thr Leu Val
402     210                 215                 220
405 Glu Ile Glu Lys Ser Leu Leu Ser Leu Phe Asn Met Lys Arg Pro Pro
406 225                 230                 235                 240
409 Lys Ile Asp Arg Ser Lys Ile Ile Ile Pro Glu Pro Met Lys Lys Leu
410                 245                 250                 255
413 Tyr Ala Glu Ile Met Gly His Glu Leu Asp Ser Val Asn Ile Pro Lys
414             260                 265                 270
417 Pro Gly Leu Leu Thr Lys Ser Ala Asn Thr Val Arg Ser Phe Thr His
418         275                 280                 285
421 Lys Asp Ser Lys Ile Asp Asp Arg Phe Pro His His His Arg Phe Arg
422     290                 295                 300
425 Leu His Phe Asp Val Lys Ser Ile Pro Ala Asp Glu Lys Leu Lys Ala
426 305                 310                 315                 320
429 Ala Glu Leu Gln Leu Thr Arg Asp Ala Leu Ser Gln Gln Val Val Ala
430                 325                 330                 335
433 Ser Arg Ser Ser Ala Asn Arg Thr Arg Tyr Gln Val Leu Val Tyr Asp
434             340                 345                 350
437 Ile Thr Arg Val Gly Val Arg Gly Gln Arg Glu Pro Ser Tyr Leu Leu
438         355                 360                 365
441 Leu Asp Thr Lys Thr Val Arg Leu Asn Ser Thr Asp Thr Val Ser Leu
442     370                 375                 380
445 Asp Val Gln Pro Ala Val Asp Arg Trp Leu Ala Ser Pro Gln Arg Asn
446 385                 390                 395                 400
449 Tyr Gly Leu Leu Val Glu Val Arg Thr Val Arg Ser Leu Lys Pro Ala
450                 405                 410                 415
453 Pro His His His Val Arg Leu Arg Arg Ser Ala Asp Glu Ala His Glu
454             420                 425                 430
457 Arg Trp Gln His Lys Gln Pro Leu Leu Phe Thr Tyr Thr Asp Asp Gly
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/04/2004
PATENT APPLICATION: **US/10/650,326** TIME: 12:23:38

Input Set : **A:\JJJ-PWO-599 - SEQUENCE LISTING.txt**
Output Set: **N:\CRF4\01292004\J650326.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:24; Xaa Pos. 2,3,4,6,7,8,11,12,13,14,15,16,18,19,20,21,23,26,28,30,31
Seq#:24; Xaa Pos. 33,34,35,36,37,38,39,40,44,45,46,47,48,49,50,51,52,53,54
Seq#:24; Xaa Pos. 55,56,57,58,59,60,63,65,66,67,68,69,70,71,72,74,75,76,77
Seq#:24; Xaa Pos. 78,79,80,82,84,85,86,87,88,90,92,93,95,97
Seq#:25; Xaa Pos. 2,3,4,5,7,8,9,11,12,13,16,17,18,19,20,21,23,24,25,26,28
Seq#:25; Xaa Pos. 31,33,35,36,38,39,40,41,42,43,44,45,49,50,51,52,53,54,55
Seq#:25; Xaa Pos. 56,57,58,59,60,61,62,63,64,65,68,70,71,72,73,74,75,76,77
Seq#:25; Xaa Pos. 79,80,81,82,83,84,85,87,89,90,91,92,93,95,97,98,100,102
Seq#:26; Xaa Pos. 2,3,4,5
Seq#:27; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,18,19,20,21,22,23
Seq#:27; Xaa Pos. 24,26,28,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45
Seq#:27; Xaa Pos. 46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,65,66
Seq#:27; Xaa Pos. 67,68,69,70,71,72,74,75,76,77,78,79,80,81,82,83,84,85,86
Seq#:27; Xaa Pos. 87,88,89,90,91,92,93,95,97
Seq#:28; Xaa Pos. 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,23,24
Seq#:28; Xaa Pos. 25,26,27,28,29,31,33,35,36,37,38,39,40,41,42,43,44,45,46
Seq#:28; Xaa Pos. 47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65
Seq#:28; Xaa Pos. 66,68,70,71,72,73,74,75,76,77,79,80,81,82,83,84,85,86,87
Seq#:28; Xaa Pos. 88,89,90,91,92,93,94,95,96,97,98,100,102
Seq#:29; Xaa Pos. 2,3,11,16,19,23,26,35,39,41,50,52,56,57,58,60,61,65,71,73
Seq#:29; Xaa Pos. 75,80,82,84,89,96
Seq#:30; Xaa Pos. 2,3

VERIFICATION SUMMARY DATE: 02/04/2004
PATENT APPLICATION: **US/10/650,326** TIME: 12:23:38

Input Set : **A:\JJJ-PWO-599 - SEQUENCE LISTING.txt**
Output Set: **N:\CRF4\01292004\J650326.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:2170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
M:341 Repeated in SeqNo=24
L:2306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
M:341 Repeated in SeqNo=25
L:2347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:2409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
M:341 Repeated in SeqNo=27
L:2495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
M:341 Repeated in SeqNo=28
L:2641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
M:341 Repeated in SeqNo=29
L:2682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0